

Bot Description:

While the problem for companies to create a chat for developers that is monitored for contribution and disruption is complex there are solutions companies could utilize. The solution our group came up with is to create a bot that monitors the chat for disruption and contribution. Our bot would go through the chat daily and see if any user is being disruptive or inappropriate. If it finds a user that is being disruptive or inappropriate it would issue punishments to that user. The punishments would range from a temporary inability to type in the chat to being kicked from the chat permanently. Additionally our bot monitors how active and helpful people are to the overall well being of the project design. This information about how active users are to the chat will be passed on to the company so that they can reward each developer fairly.

This is a good solution to the problem because it will prevent disruptive people from stalling the growth of the project while simultaneously giving people a legitimate reason to help other people try and succeed. We believe that this will lead to quicker and more efficient solutions to customers' problems. The bot does not have conversations with people but it will alert them whenever they are doing something that could potentially get them banned. Additionally the bot would have a way for other users to report behavior. This ability to report behavior would help the bot monitor situations and make sure that the environment is beneficial to productivity. The bot is mostly responsive to events. It needs to be responsive to events that would cause it to have to step in. Events like this would include but are not limited to users who use profanity, harassment, and spam. The bot would be analytical though in its ability to monitor productive behavior. The bot would utilize an algorithm to generate a score for users. This score would account for the productivity of a user. The algorithm would calculate their score by looking at the amount of messages that a user sends, how often other people respond to the questions that a user sends and how much positive discussion is generated from the messages that the user sends.